

AVIATION SAFETY AND SECURITY ARCHIVES

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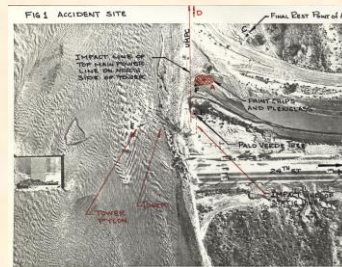


Accident Investigation



American Airlines Trip 20, near Cincinnati, Ohio, on 10 March 1941

Information and analysis of hundreds of accidents and incidents, as well as on the science of accident investigation.



(above and right) Bell 206 Jet Ranger accident, Phoenix, Arizona, on 21 December 1978

Research



HEMS

During 1969-1970, the Air Medical Evacuation System (AMES) Project demonstrated the validity of aeromedical evacuation and established procedures for using helicopters for evacuation of accident victims.

ABOUT THE ARCHIVES

The Aviation Safety and Security Archives at Embry-Riddle Aeronautical University is an archival repository and technical library focusing on the work of individuals and organizations involved in the advancement of safety and security in aviation.

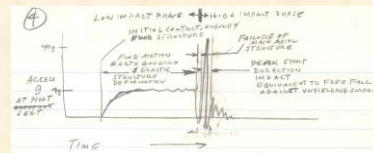
With holdings that include the papers and libraries of leading figures in aviation safety, the Archives provides access to an unparalleled collection for research and study in aviation safety and accident investigation.

The holdings of the Archives cover a wide range of subjects and disciplines. The sampling of items and topics illustrated here gives a taste of the wealth of resources available to researchers.

Aviation History

Jorge Chavez accident, 1910

In 1962, R. G. Snyder and colleagues analyzed Jorge Chavez' pioneering, but ill-fated, flight over the Alps. They determined that the G forces were such that the accident could have been survivable if medical care had been adequate.



Education and Training

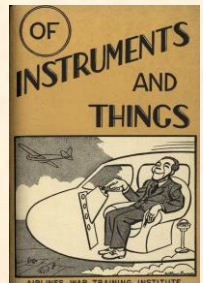
Human Factors

Through its bulletins and other publications, Flight Safety Foundation has worked to increase knowledge of safety issues.



illustration from "Difficulties in Use of Instruments"
Human Factors 57-1H (1957)

Airlines War Training Institute
During World War II, nineteen airlines joined forces to coordinate training programs for air crew and ground personnel to support the war effort.



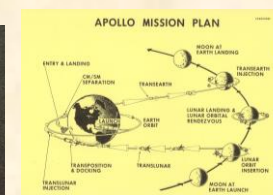
Application to Other Fields

Space Exploration

Many of the individuals represented in the Archives' collections did not limit their work to aviation safety, but applied their expertise to other areas as well. A notable example is Jerry Lederer's work implementing a safety program for NASA during the Apollo program.



Gagarin medal awarded to Jerry Lederer, 1989



(above and right) pages from Apollo Training: Apollo Spacecraft & Systems Familiarization, 1966

